

JAN 18 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006, OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/815,994	
	Filing Date	March 31, 2004	
	First Named Inventor	Chung J. Lee	
	Art Unit	2827	
	Examiner Name		
Total Number of Pages in This Submission	62	Attorney Docket Number	DSI303

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Power of Attorney (PTO/SB/80) 2. Statement under 37 CFR 3.73(b) (PTO/SB/96)
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Alleman Hall McCoy Russell & Tuttle LLP		
Signature	<i>M. Matthew Hall</i>		
Printed name	Michael Matthews Hall		
Date	January 18, 2005	Reg. No.	43,653

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Renee Knight</i>		
Typed or printed name	Renee Knight	Date	January 18, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/80 (11-04)

Approved for use through 11/30/2005, OMB 0651-0035  
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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number: 50488

OR

☐ Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number: 50488

OR

<input type="checkbox"/> Firm or Individual Name	Alleman Hall McCoy Russell & Tuttle LLP		
Address	808 SW Broadway, Suite 600		
City	Portland	State OR	Zip 97205
Country	US		
Telephone	503-458-4141	Fax	503-458-4142


Assignee Name and Address:

Dielectric Systems, Inc.  
45500 Northport Loop West  
Fremont, CA 94538

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/98 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	January 17, 2005
Name	Chung J. Lee	Telephone	(510) 979-0900
Title	President, Dielectric Systems, Inc.		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/95 (09-04)

Approved for use through 07/31/2005. OMB 0651-0031

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Chung J. Lee and Atul KumarApplication No./Patent No.: 10/815,994 Filed/Issue Date: March 31, 2004Entitled: Single and Dual Damascene Techniques Utilizing Composite Polymer Dielectric Film

Dielectric Systems, Inc., a corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

M. Matthew Hall January 18, 2005  
 Signature Date  
Michael Matthews Hall (503) 459-4141  
 Printed or Typed Name Telephone Number

Attorney for Assignee Dielectric Systems, Inc.  
 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT**COPY**

WHEREAS, we, Chung J. Lee of Fremont, California, and Atul Kumar of Santa Clara, California, have invented certain improvements in SINGLE AND DUAL DAMASCENE TECHNIQUES UTILIZING COMPOSITE POLYMER DIELECTRIC FILM, for which we filed U.S. Patent Application Serial No. 10/815,994 on March 31, 2004; and

WHEREAS, Dielectric Systems, Inc., a California corporation, having its principal place of business in Fremont, California, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, Chung J. Lee and Atul Kumar, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to Dielectric Systems, Inc., its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

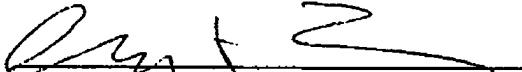
We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Dielectric Systems, Inc., as the assignee of our entire right, title, and interest in and to the same, for the sole use of Dielectric Systems, Inc., and its successors and assigns.

Further, we hereby covenant and agree to and with Dielectric Systems, Inc., and its successors and assigns, at the time of execution and delivery of these presents, that we are

the sole and lawful owner of the entire right, title, and interest in and to the invention and the above-identified patent application, and that the same are unencumbered, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, we agree that we will communicate to Dielectric Systems, Inc., or its representatives, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Dielectric Systems, Inc., make all rightful oaths, and generally do everything possible to aid Dielectric Systems, Inc., and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of April, 2004.

  
CHUNG J. LEE

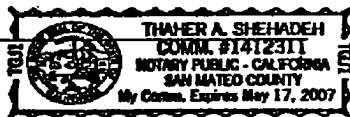
Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

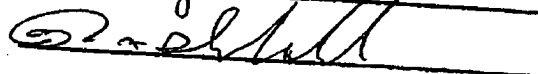
City & State: \_\_\_\_\_



SUBSCRIBED AND SWORN TO BEFORE ME

THIS 28th DAY OF April, 2004.

By Chung J. Lee



Thayer A. Shehadeh  
Notary Public in and for the State of  
California, County of Alameda

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28  
day of APRIL, 2004:

Atul Kumar  
ATUL KUMAR

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_



SUBSCRIBED AND SWORN TO BEFORE ME

THIS 28<sup>th</sup> DAY OF April, 2004.

By Atul Kumar  
[Signature]

Thayer A. Shehadeh  
Notary Public in and for the State of  
California, County of Alameda